Thermostatic Rack-Mount Fan Tray User Manual
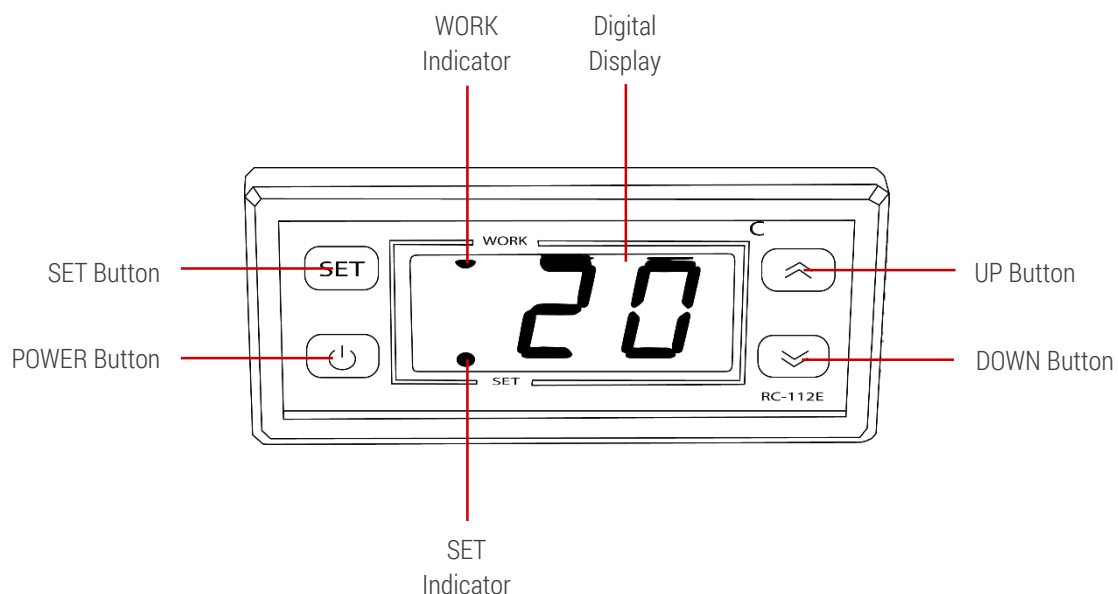
Applicable Products

Type	Product Code	Image
2 Fan	LXMATFT1URM2UK LXMATFT1URM2EU LXMATFT1URM2US LXMATFT1URM2IEC	
4 Fan	LXMATFT1URM4UK LXMATFT1URM4EU LXMATFT1URM4US LXMATFT1URM4IEC	

Specifications

Temperature Measurement Range	-40°C to +99°C
Compressor Relay Capacity	10A
Power Supply	220VAC
Sensor	1x NTC Sensor
Accuracy	±1°C
Consumption	≤3W
Ambient Requirements	Temperature: -10°C to +60°C, Humidity 20-85% (No Condensate)

Display

WORK Indicator

Digital Display

SET Button

POWER Button

UP Button

DOWN Button

SET Indicator

WORK

SET

20

C

RC-112E

Indicators

	WORK	ON	Set temperature has been met and fans working
		OFF	Set temperature not met and fans off
		FLASHING	Delay between modes
	SET	ON	In setting mode
		OFF	In working mode

Switching On/Off

1. When off press the POWER button to switch the device on
2. When on, press and hold the POWER button for 5 second to switch device off

Setting the Temperature

1. Press SET button
2. Use the UP and DOWN buttons to desired temperature
3. Press SET button to save displayed temperature

Setting Functions

1. Press and hold the SET button for 3 seconds
2. Use UP and DOWN buttons to change the function's setting (See table below)
3. Press the SET button to go to the next function
4. Once complete press and hold the SET button for 3 seconds to save settings

Display	Function	Settings Range	Default	Unit
HC	Mode	C: Cooling H: Heating	C	
D	Temperature Differential	1 to 15	3	°C
LS	Lower Temperature Limit	-40 to Set Temperature	-40	°C
HS	Higher Temperature Limit	Set Temperature to +99	+99	°C
CA	Temperature Calibration	-5 to +5	0	°C
PT	Compressor Delay	0 to 15	3	Minute

Cooling/Heating

In COOLING mode if the displayed temperature is more than the set temperature, the fans will operate. In HEATING mode if the displayed temperature is less than the set temperature, the fans will operate.

Lower/Higher Temperature Limit

This function allows you to change the lower/higher temperature limits

Compressor Delay

This function sets the delay of the fan operation since their last operation, or after powering on the unit.

Temperature Calibration

This function allows the user to adjust the temperature displayed to the correct temperature

Errors

Display	Error	Action
_ _	Sensor Error	Alarm. Unit will operate fans for 15 minutes then off for 15 minutes
LL	Lower Temperature Limit Reached	Alarm. Unit will turn fan operation off.
HH	Higher Temperature Limit Reached	Alarm. Unit will turn fan operation off.